

中国兰科新植物 (3)

陈 心 启

(中国科学院植物研究所)

NEW TAXA OF ORCHIDACEAE FROM CHINA (3)

CHEN SING-CHI

(Institute of Botany, Academia Sinica)

Key words *Eria longlingensis*; *Eria yanshanensis*; *Malaxis sichuanica*

关键词 龙陵毛兰; 砚山毛兰; 四川沼兰

龙陵毛兰 新种 图 1:1

***Eria longlingensis* S. C. Chen, sp. nov.**

Species nova *E. spicatae* (D. Don) Hand.-Mzt. subsimilis, a qua imprimis differt pedunculo carnosulo quam rhachi multo crassiore in sicco 2—2.5 mm diam., labello flabellato non trilobato.

Epiphytica; pseudobulbus immaturus. Folia tria, sub anthesi vix matura, suboblunga vel oblongo-lanceolata, 6—8 cm longa, c. 1 cm lata, apice acuta vel obtusa, glabra, basi in petiolo breves angustata, nervis 9—11 praeter costam supra concavam utrinque prominulis. Racemus singularis, prope apicem pseudobulbi immaturi oriens, multiflorus, rhachi c. 3 cm longa brunneo-tomentosa, pedunculo carnosulo glabro rhachi fere aequilongo sed multo crassiore; bracteae glabrescentes, ovato-lanceolatae vel ovatae, 3—5 mm longae, c. 2 mm latae, apice obtusae vel acutae; flores flavi, parvi, 3—4 mm diam.; sepalum intermedium glabrum, oblongo-ellipticum, 3—3.5 mm longum, c. 1.5 mm latum, apice obtusum, trinervium, margine crispatum, lateralia fere orbicularia, inaequilatera, c. 4 mm lata, latere inferiore trinervio, apice acuta, cum pede columnae mentum formantia; petala sepalo intermedio similia sed paulo minora, apice obtusa, margine crispata, glabra, trinervia; labellum ad apicem pedis columnae, plus minusve flabellatum, supra medium c. 2.5—3.5 mm latum, apice obtusum et apiculatum basi in unguem 0.5—1 mm longum supra canaliculatum angustatum, ungue incluso c. 3 mm longum; columna brevis, c. 0.8 mm longa, crassa, basi in pedem 2—2.5 mm longum producta; anthera operculata, incumbens, late ovata; pollinia 8, in quoque loculo 4, in fasciculos duos cohaerentia.

Yunnan: Long Ling, on tree trunks, alt. 2000 m, fl. yellow, 16 August 1941, C. W. Wang 90100 (Holotype, KUN).

新种接近密花毛兰 *Eria spicata*, 主要区别点在于本新种花序柄稍肉质, 比花序轴粗得多, 直径达 2—2.5 mm (干标本); 唇瓣扇形, 不为 3 裂。

云南: 龙陵, 海拔 2000 m, 生于乔木树干上, 花鲜黄色, 1941 年 8 月 16 日采, 王启无 90100 (模式标本, KUN)。

砚山毛兰 新种 图 1:2

Eria yanshanensis S. C. Chen, sp. nov.

Species nova *E. coronariae* (Lindl.) Rehb. f. similis, quae bene differt foliis oblongis multo latioribus chartaceis, pseudobulbo foliis longiore vel subaequilongo, inflorescentia foliis brevior vel aequilonga, labello basi non unguiculato, capsula multo majore plus quam 1.5 cm longa.

Epiphytica, nigrescens; rhizoma abbreviatum, radices filiformes flexuosas pilosas edens; pseudobulbi approximati, graciles, cylindrici, striati, 2—2.5 cm longi, 2—3 mm crassi, foliis multo breviores, apice bifoliati, basi reliquiis fibrosis vaginarum obsessi. Folia crassiuscula, in sicco subcoriacea, oblongo-oblancoolata, 9.5—13.8 cm longa, 8—18 mm lata, apice subacuta, basi gradatim angustata, nervis primariis plerumque 9 utrinque prominulis, interstitiis 2—3 nis minoribus. Scapus terminalis, 15—19 cm longus, foliis multo longior; racemus 7.5—10 cm longus, laxe 9—10-florus; pedunculus rachidi subaequilongus; bractae lanceolatae, saepe 3—4 mm longae, ima usque ad 6—7 mm longa; flores in genere mediocres, glabri; sepalum intermedium lanceolato-oblongum, c. 8 mm longum, 2 mm latum, apice breviter acuminatum, 5-nervium; ea lateralia subovata, 6—7 mm longa, medio 2—2.5 mm lata, apice subacuta, 5-nervia, basi dilatata et pedi columnae adnata, cum eo mentum formantia; petala anguste oblonga, paulo falcata, c. 6 mm longa et 1.5 mm lata, apice subacuta, trinervia; labellum explanato ambitu obovato-cuneatum, c. 9 mm longum, superiore 5—6 mm latum, prope apicem trilobatum, infra medium in unguem 4—4.5 mm longum, angustatum, lobo intermedio semiorbiculari c. 1.5 mm longo et 3 mm lato apice mucronato margine irregulariter crenulato et undulato, lobis lateralibus semi-ovatis apice rotundatis, medio labelli lamellis duabus fere semi-orbicularibus c. 0.7 mm altis et supra eas lamellis 6—7 irregularite fimbriatis ornatum, fimbriis usque ad 1 mm longis; columna crassiuscula, c. 1.5 mm longa (anthera erecta ovata c. 1.5 mm longa exclusa). Capsula oblongo-elliptica, c. 1 cm longa, 5—6 mm lata; pedicellus 5—6 mm longus.

Yunnan: Yan Shan, Bar-garh, alt. 1100 m, in dense woods, fruit green, 15 November 1939, C. W. Wang 84974 (Holotype, PE).

新种甚似足茎毛兰 *Eria coronaria*, 但足茎毛兰叶矩圆形, 宽得多, 坚纸质; 假鳞茎较叶长或近等长; 花序短于叶或近等长; 唇瓣基部无爪; 蒴果要大得多, 长超过 1.5 cm, 极易区别于本种。

云南: 砚山, 海拔 1100 m, 生于密林中, 果实绿色, 1939 年 11 月 15 日采, 王启无 84974 (模式标本, PE)。

四川沼兰 新种 图 1: 3

Malaxis sichuanica Tang et Wang, sp. nov.

Species nova *M. bahanensi* (Hand.-Mzt.) Tang et Wang proxima, sed labello in centro superficiei concavo brevissime glanduloso-piloso, petalis latioribus diversa.

Terrestris, humilis, erecta, c. 11 cm alta; pseudobulbus ignotus. Folia tria, erecto-patentia, approximata, herbacea, glabra, suboblunga vel oblongo-lanceolata, 5—6 cm longa, medio c. 1.3 cm lata, apice obtusa vel acuminata, basi obscure petiolata et vaginata. Scapus foliis longior, angustissime alatus, in sicco striatus, c. 12 cm longus; racemus terminalis, c. 2 cm longus, 6—7 mm latus, 12-florus; bractae patulae, anguste lanceolatae, c. 3 mm longae; flores flavescens, patentes, parvi, c. 5 mm diam.; sepalum intermedium oblongum, c. 4 mm longum

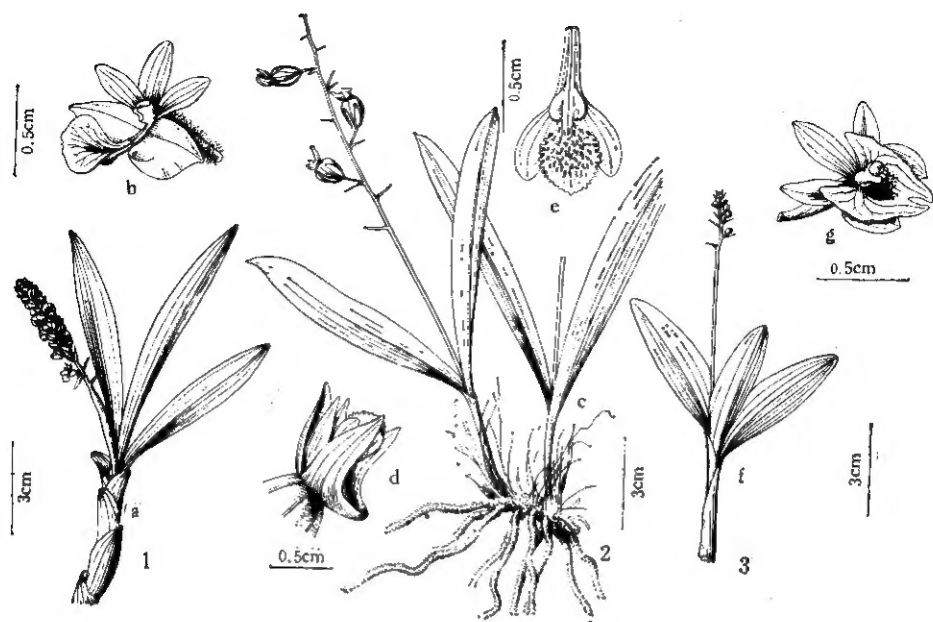


图 1 1. 龙陵毛兰 *Eria longlingensis*; 2. 砚山毛兰 *E. yanshanensis*; 3. 四川沼兰 *Malaxis sichuanica*. a, c, f. 植株 Plant; b, d, g. 花 flower; e. 唇瓣 lip. (冀朝祯绘)

et 1.2 mm latum, apice obtusum, trinervium; ea lateralia late elliptico-oblonga, c. 3 mm longa et 2.2 mm lata, apice obtuso-rotundata, trinervia; petala oblonga, sepalo intermedio subaequilonga, c. 1 mm lata; labellum circuitu plus minusve ovato-sagittatum, c. 5.5 mm longum (auriculis inclusis), supra medium c. 3.5 mm latum, in centro superficiei concavum et glanduloso-pilosum, ad apicem angustatum, apice bilobatum, fissura c. 1 mm longa, basi auriculatum, auriculis amplis oblique ovatis leviter divergentibus 1.2—1.5 mm longis, sinu columnam amplectentibus; columna crassiuscula, brevis, glabra, c. 1 mm longa; anthera oblata, c. 1 mm lata; pollinia 4; ovarium clavatum, glabrum, cum pedicello c. 4 mm longum.

Sichuan: Guan Xian, on roadside, alt. 1000—1200 n, 12 July 1928, W. P. Fang 2134 (Holotype, pE).

新种与云南沼兰 *Malaxis bahanensis* 有密切亲缘关系, 不同之处在于本新种唇瓣中央凹陷, 并在上表面具极短的腺柔毛。

四川: 灌县, 路边, 海拔 1000—1200m, 1928 年 7 月 12 日采, 方文培 2134 (模式标本, PE)。